

47000-116

3/18/2004

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAR 18 2004

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Judith A Thompson
Registration Manager
Hacco, Inc.
P.O. Box 7190
Madison, WI 53716

Subject: Label Amendment: 2001-1 First Aid
Sevin Brand 10% Carbaryl Insecticide Bait Granules
EPA Reg. No. 47000-116
Submission dated August 29, 2003

Dear Ms. Thompson:

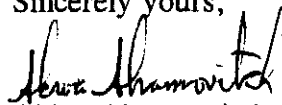
The revised labeling referenced above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, acceptable with the following comments:

- 1) The registration number on your label must be changed to the new number per the 2/26/04 transfer letter.
- 2) Revise the Precautionary Statements to say "Harmful if swallowed or inhaled. Avoid breathing dust. Avoid contact with eyes, skin or clothing. Wash hands thoroughly with soap and water after handling. Remove clothing and wash clothing before reuse".
- 3) The Note to Physician should be updated to read "Carbaryl is an N-methyl carbamate insecticide which is a cholinesterase inhibitor. Specific antidote consists of atropine. Narcotics and other sedatives should not be used. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.
- 4) The statement "Do not contaminate water, food or feed by storage and disposal" must be moved to under the Storage and Disposal heading.
- 5) Delete "For terrestrial uses" from the Environmental Hazards since only terrestrial uses are listed on your label.

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Please submit two (2) copies of the final printed label for our file. If you have any questions please call me at (703) 308-8328.

Sincerely yours,



Akiva Abramovitch, Ph.D.

Chemist

Insecticide-Rodenticide Branch

Registration Division (7505C)

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SEVIN® Brand 10% Carbaryl
Insecticide BAIT GRANULES
 FOR FIELD, FRUIT AND VEGETABLE CROPS
 LAWN, GARDEN & PREMISE INSECT CONTROL
 FOR FLOWERS, ORNAMENTAL PLANT BEDS, TURFGRASS LAWNS
 USE FOR OUTDOOR PEST CONTROL - CONTROLS FIRE ANTS

ACTIVE INGREDIENT:

Carbaryl (1-naphthyl
 N-methylcarbamate)..... 10.04%
INERT INGREDIENTS:..... 89.96%
TOTAL 100.00%

©SEVIN is the registered trademark of Rhone-Poulenc for carbaryl insecticides
 EPA Reg. No. 61282-4 EPA Est. No. 61282-WI-1

ACCEPTED
with COMMENTS
In EPA Letter Dated:
MAR 18 2004

KEEP OUT OF REACH OF CHILDREN
CAUTION

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 47000-116

First Aid

Carbaryl is an N-Methyl Carbamate Insecticide. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If swallowed:

- Call a poison control center, doctor or 1-800-301-7976 immediately for treatment advice.
- Have a person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

Call a poison control center, doctor or 1-800-301-7976 immediately for treatment advice

NOTE TO PHYSICIAN: Carbaryl is an N-methyl carbamate insecticide which is a cholinesterase inhibitor. Specific antidote consists of atropine. Narcotics and other sedatives should not be used. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are **NOT** recommended.

PRECAUTIONARY STATEMENTS
CAUTION
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

MAY BE HARMFUL IF SWALLOWED. Avoid breathing dust. Do not take internally. Avoid contact with eyes, skin, or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves and shoes, plus socks. Follow manufacturer's instructions for cleaning and maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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ENGINEERING CONTROLS STATEMENTS:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)] the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from area treated. Do not contaminate water by cleaning equipment or disposal of wastes.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label before using this product. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, (40 CFR part 170). This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard, and that involves contact with anything that has been treated, such as plants, soil or water, is: coveralls, waterproof gloves and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. The area being treated must be vacated by unprotected persons.

STORAGE AND DISPOSAL

STORAGE: Store unused product in original container only, in cool, dry area out of reach of children and animals. Do not store in areas where temperatures frequently exceed 100°F.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities by burning. If bag is burned, stay out of smoke.

IMPORTANT PRE-HARVEST AND GRAZING INFORMATION

Tolerances established under the Federal Food, Drug and Cosmetic Act permit the sale of crops bearing probable SEVIN residues when carbaryl is used in accordance with label directions. If SEVIN carbaryl insecticide is used in accordance with label directions these crops, including bean vines, carrot tops, pea vines, sugar beet tops, and corn forage may be grazed or harvested for use as feed for dairy and meat animals without resulting in illegal residues in milk or meat. Do not apply at greater rates or at more frequent intervals than stated on the label -- to do so may result in illegal residues in crops, meat and milk.

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Do not plant rotational food and feed crops not listed on this or other carbaryl labels in carbaryl treated soil.

Do not use reclaimed irrigation water from crops treated with carbaryl on upland crops for which carbaryl tolerances are not established.

APPLICATION STATEMENT:

Calibrate and adjust application equipment to insure proper rate and accurate placement.

INSECT CONTROL:

Broadcast applications may be made with either ground equipment or aircraft. Dosages from 10-20 pounds per acre of SEVIN brand 10% Bait Carbaryl Insecticide will control cutworms, armyworms, crickets, darkling ground beetles, grasshoppers, mole crickets and sowbugs (pillbugs).

FIELD, FRUIT AND VEGETABLE CROPS

CROP	DOSAGE/ ACRE	PRE-HARVEST INTERVAL	SPECIFIC DIRECTIONS
Asparagus	10-20 Pounds	1 Day	Repeat applications as necessary up to a total of 3 times prior to harvest or a total of 5 times per crop; but not more often than once every 3 days prior to harvest, nor more often than once every 7 days to ferns after harvest of spears. Do not apply more than a total of 60 pounds per acre before harvest of spears. Do not apply more than a total of 100 pounds per acre per year.
Beans, Cowpeas, Lentils, Peas	15 Pounds	3 Days (fresh beans or peas) 14 Days (forage) 21 Days (dried beans or peas, seed or hay)	Repeat applications as necessary up to a total of 4 times but not more often than once every 7 days. Do not apply more than a total of 60 pounds per acre per crop. Do not allow grazing or feeding of cowpeas forage to livestock.
Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese cabbage, Collards, Kale, Mustard greens	10-20 Pounds	3 Days (Broccoli, Brussels Sprouts, Cabbage, Cauliflower) 14 Days (Collards, Chinese cabbage, Kale, Mustard greens)	Repeat applications as necessary up to a total of 4 times but not more often than once every 7 days. Do not apply more than a total of 60 pounds per acre per crop.
Carrots, Garden Beets (roots), Horseradish, Parsnips, Potatoes, Radishes, Rutabagas, Salsify, Sweet Potatoes, Turnips (roots)	10-20 Pounds	7 Days	Repeat applications as necessary up to a total of 6 times but not more often than once every 7 days. Do not apply more than a total of 60 pounds per acre per crop.
Corn (field and pop)	10-20 Pounds	14 Days (forage, silage) 48 Days (grain, fodder)	Repeat applications as necessary up to a total of 4 times but not more often than once every 14 days. Do not apply more than a total of 60 pounds per acre per crop.
Corn (sweet)	10-20 Pounds	2 Days (ears) 14 Days (forage) 48 Days (fodder)	Repeat applications as necessary up to a total of 8 times but not more often than once every 3 days. Do not apply more than a total of 160 pounds per acre per crop.
Cucumbers, Melons, Squash	10 Pounds	3 Days	Repeat applications as necessary up to a total of 6 times but not more often than once every 7 days. Do not apply more than a total of 60 pounds per acre per crop.
Eggplant, Peppers, Tomatoes	10-20 Pounds	3 Days	Repeat applications as necessary up to a total of 7 times but not more often than once every 7 days. Do not apply more than a total of 60 pounds per acre per crop.
Endive (escarole), Garden Beets (tops), Lettuce (head and leaf), Parsley, Spinach, Swiss chard, Turnips (tops)	10-20 Pounds	14 Days	Repeat applications as necessary up to a total of 5 times but not more often than once every 7 days. Do not apply more than a total of 60 pounds per acre per crop.
Grain Sorghum	10-20 Pounds	14 Days (grazing, forage) 21 Days (grain, fodder)	Repeat applications as necessary up to a total of 4 times but not more often than once every 7 days. Do not apply more than a total of 60 pounds per acre per crop.

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CROP	DOSAGE/ ACRE	PRE-HARVEST INTERVAL	SPECIFIC DIRECTIONS
Strawberries	10-20 Pounds	7 Days	Repeat applications as necessary up to a total of 5 times but not more often than once every 7 days. Do not apply more than a total of 100 pounds per acre per crop. Carbaryl may injure Early Dawn and Sunrise varieties of Strawberries.
Sugar Beets	10-15 Pounds	28 Days (roots, forage)	Repeat applications as necessary up to a total of 2 times but not more often than once every 14 days. Do not apply more than a total of 30 pounds per acre per crop.
Wheat	5-15 Pounds	7 Days (forage) 21 Days (grain, straw)	Up to 2 applications can be made but not more often than once every 14 days. Do not apply more than a total of 30 pounds per acre per crop.

LAWNS, RECREATIONAL, AND ORNAMENTAL TURF AREAS

For control of turfgrass pests, apply granules uniformly to the turfgrass. For optimum control, follow specific directions for proper watering after application.

SITE	INSECT	OUNCES OF SEVIN® BRAND 10% BAIT/1000 SQUARE FT.	SPECIFIC DIRECTIONS
Turfgrass	Armyworms, Crickets, Cutworms, Darkling ground beetle, Grasshoppers, Mole crickets, Sowbugs	4 to 8	Treat entire area to obtain uniform coverage, giving particular attention to building perimeters, edges of sidewalks, and along porch and patio foundations. For best results, mow lawn, remove clippings, and thoroughly water area to be treated prior to application.
Ornamental plants	Armyworms, Crickets, Cutworms, Darkling ground beetle, Grasshoppers, Mole crickets, Sowbugs	4 to 8	Apply uniformly to soil around plants, shrubs, and trees. For best results, thoroughly water area to be treated prior to application.
Lawns, Recreational & Ornamental Turf Areas	Ants, Centipedes, Chiggers, Chinch bug, Earwigs, Essex skipper, European chafer, Fall armyworm, Fiery skipper, Fleas, Green June beetle, Green June beetle grubs, Lawn moths (sod webworm), Leafhoppers, Lucerne moth larvae, Millipedes, Spittlebugs, Springtails, Ticks, Yellow-striped armyworms	22 to 30	Treat entire area to obtain uniform coverage, giving particular attention to building perimeters, edges of sidewalks, and along porch and patio foundations. Use the lower rate before insects 'build-up' and before turf is damaged. Use the higher rate when insects are numerous and turf damage is imminent. For best results mow lawn, remove clippings and apply material, then allow sprinklers to run for 15 minutes after application. Keep children and pets off treated area until grass is dry. Repeat application may be made at 30 day intervals or as needed for control of Sod Webworms, Chinch Bugs or Ants.

**FOUNDATION "INSECT" BARRIER TREATMENT
 FLOWER BEDS, ORNAMENTAL PLANTINGS**

Apply 1/2 pound per 1,000 Sq. Ft. (32'x32') to all soil areas for use as a contact and bait control of Earwigs, Cutworms, Armyworms, Crickets, Sowbugs, Millipedes, Ants; and for contact control of Fleas; around the outside of buildings, under porches and foundation crawl spaces, in and around flower and ornamental plantings, along soil cracks next to buildings and as an insect barrier in a band 5 feet wide surrounding the foundation. For the insect 'Barrier' sprinkle 1/4 lb. of granules in a 5 foot wide band 100 feet in length (500 Sq. Ft.).

IMPORTED FIRE ANTS

For control of Imported Fire ants, apply one to two ounces to each mound. Immediately irrigate with a minimum of one gallon of water to flush the chemical from the granule to the inside of the mound. Do not use over two gallons of water, as flooding of the mound will result in poor control. Apply water gently to avoid disturbing ants and causing migration from the mound. For best results, apply in the early morning or late evening hours when ants are least active. Treat new mounds as they appear.

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LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible experts evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

MANUFACTURED BY:
HACCO, INC.
P.O. Box 7190
Madison, WI 53707 U.S.A.

NET WEIGHT
POUNDS

